

SNC Reference Number  
(enter if previously  
assigned)

**SNC 080092**

## 4. PROJECT SUMMARY

**County: Nevada**

**Applicant: Friends of Deer Creek**

**Project Title: Nevada City Tribute Trail and Restoration Project**

### PROJECT GOAL

The overall goal of the Nevada City Tribute Trail and Restoration Project is to directly improve the quality of life for Nevada City and Nevada County residents and visitors by providing critical recreational, open space, wildlife, flood management, wildfire risk reduction, and water quality benefits in the Deer Creek watershed. The project is an effort to complete the Tribute Trail project by completing the trail system on River Left, and connecting it to the previously funded River Right trail system, thereby realizing the vision of an eight mile loop, while restoring and making accessible a publicly owned piece of creekside land for the benefit of the environment and the community.

### PROJECT SCOPE

The Environs is a forty acre parcel, acquired by the city in 1963, consisting of heavily forested land along the left bank of Deer Creek within the city limits. The property enjoys a prime location, a short walk from the beautifully restored historic downtown. Moreover, Nevada City suffers a critical lack both of open parkland and of access to the creek in its midst. Yet despite these factors, this piece of land remains almost entirely inaccessible to the community, unknown by most, overgrown with Vinca, English ivy, and other non-native plants, its paths overgrown and its access barred by private development of adjacent parcels.

Our goals and objectives include:

- 1) To restore a critically endangered indigenous habitat to its natural state through the removal and replacement of invasive, non-native plant species with native species in 8.4 acres;
- 2) To increase the extent of the trail system along the creek, connecting existing trails to the creek and to downtown, by restoring 3/4 miles of existing trail and adding one mile of new trail;
- 3) To promote better water quality in Deer Creek as called for by our watershed plans through planned recreation, restoration, reduction of risk of catastrophic fires, and monitoring;
- 4) To address a severe shortage of locally accessible recreational opportunities by providing safe public access to currently inaccessible city-owned riparian land, for picnics, bicycling, hiking, swimming, and fishing;
- 5) To serve as a pilot project for planned future revegetation and restoration efforts throughout the Deer Creek watershed;
- 6) To educate the citizens and schoolchildren of our community about our history and environment, and to involve them in its stewardship.

The Nevada City Tribute Trail and Restoration Project is a part of the larger, previously-funded Deer Creek Tribute Trail Project, for which Friends of Deer Creek was awarded a grant from the California State Resources Agency in their River Parkways Program. The Nevada City Tribute Trail will connect the Environs to the Tribute Trail, completing an eight mile loop that connects both sides of the creek.

**Project Partners:** We have a memorandum of understanding with the City of Nevada City, owner of the Environs parcel, for maintenance of the trail. The Tsi-Akim Maidu will provide information on the natural and cultural history of the area, and will develop educational signage.

**Major Project Tasks and Work Products:** One mile of new trail, 3/4 mile of restored trail, revegetation of land bordering 1.75 miles of trail 20' in width, a total of 8.4 acres, educational signage.

**In-Kind Support:** Friends of Deer Creek will provide \$30,000 in volunteer time, through our established Trail Association volunteer network. The EPA Brownfields grant will provide \$20,000 to trail location assessment. The Five Star Restoration Challenge Grant will provide \$31,500 towards development of educational materials.

## LETTERS OF SUPPORT

Included with this application are letters of support from the City of Nevada City and the Tsi-Akim Maidu.

## SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Task 1: Invasive Plant Removal and Native Vegetation Planting Deliverables: 8.4 acres brush-cleared and replanted	February 2009 – December 2010
Task 2: Restore Existing Trails Deliverables: 0.75 miles of ditch trail restored, contract to remove fallen trees executed	February 2009 – December 2010
Task 3: Trail Construction Deliverables: Trail survey and design, 1 mile of trail constructed	February 2009 – December 2010
Task 4: Establish and Implement Monitoring Plan Deliverables: Approved Quality Assurance Project Plan and Monitoring Plan, Project Assessment and Evaluation Plan, Monthly Data Analysis Memo	February 2009 – April 2009
Task 5: Education Deliverables: Educational material for local schools, education workplan, environmental library, program evaluation.	February 2009 - February 2012
Task 6: Outreach, Signage and Linkages with other Trail Initiatives (e.g. Tribute Trail, Grass Valley Group Trails) Deliverables: Published trail map, Information Signage, Community course catalog	February 2009 - February 2012
Task 7: Reporting Deliverables: Six month progress reports, final report, performance measures reporting	August 2009 - February 2012

## SNC PROJECT COSTS

<b>PROJECT BUDGET CATEGORIES</b>	<b>TOTAL SNC FUNDING</b>
<b>Task 1: Invasives Removal and Native Vegetation Planting</b> Staff Time (veg survey and plan) 50 hrs@\$50/hr      \$2500 Remove and thin vegetation Volunteer Supervision 400 hrs@\$30/hr      \$12000 Materials: Hand tools, equipment rental      \$ 1000 Native palette plants 500@\$25 each      \$12500	\$28,000
<b>Task 2 Restore Existing Trails</b> Staff time (restoration plan) 150hrs@\$50/hr      \$ 7500 Volunteer supervision 250hrs@\$30/hr      \$ 7500 Contract to remove large fallen trees      \$ 3500 Equipment rental with operator      \$ 4500 Materials: Lumber, decomposed granite, erosion control materials      \$ 3500	\$26,500
<b>Task 3: New Trail Construction</b> Survey new trail sections      \$15,000 Engineer trail design      \$ 7,500 Site preparation      \$ 10,000 Volunteer Supervision 450hrs@\$30/hr      \$13,500 Equipment Rental with Operator      \$8,000 Materials: erosion control materials, decomposed granite, Trimble GSI      \$15,300	\$69,300
<b>Task 5: Establish &amp; Implement Monitoring Plan</b> Staff time (QAPP & Monitoring Plan) 110 hrs@\$50/hr      \$ 5,500 Conduct monthly and storm water testing      \$ 8300 Intergrate data to SWAMP program      \$ 1500 Volunteer Supervision 30hrs@\$30/hr      \$ 900 Draft & Finalize project assessment 46hrs@\$50/hr      \$ 2300	\$18,500
<b>Task 6: Education</b> Staff Time (teachers meetings, curriculum, trail and restoration project supervision) 200hrs@\$35/hr      \$7000 Develop Environmental Library 75hrs@\$35/hr      \$ 2600 Materials: Books, paper, printing      \$ 4500 Program Evaluation and update 40hrs@\$35/hr      \$ 1400	\$15,500
<b>Task 7: Outreach</b> Maidu interpetive trail design & installation of signs and monuments      \$8500 Design & publish trail maps      \$2000 Develop community course program using the environs habitate (Indian, mining, geologic, hydrologic, fishing, art, etc.)      \$3500	\$14,000
<b>Task 8: Reporting</b> Six month reports      \$ 2,000	\$8,500

Final report	\$ 4,000	
Performance measures accounting	\$ 2,500	
Task 9: Administrative Costs		\$27,045
<b>SNC GRANT TOTAL</b>		<b>\$207,345</b>